



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, March 17, 2015

Issued: 0800 CT

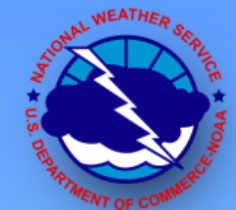
Day 1 Hazards: Locally heavy rain over south-central TX developing late today

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Mark Wiley
817-978-1100 x 147

Key Points



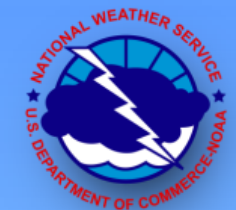
Tuesday-Wednesday

- Increased rain chances for much of the Region
 - Locally heavy rainfall late Tuesday over south-central TX
 - Enhanced risk of severe thunderstorms over east TX and LA on Wed, but widespread severe weather is not expected

Thursday-Saturday

- No significant weather hazards expected Thursday
- Another weather system impacts much of the Region starting Friday and into the weekend with locally heavy rain possible
 - South-central TX appears to be the most favored area for heavy rainfall at this time

Key Points



Space Weather: Onset of G3 (Strong Storm): Area of impact primarily poleward of 50 degrees

- **Induced Currents - Power system voltage irregularities possible, false alarms may be triggered on some protection devices.**
- **Spacecraft - Systems may experience surface charging; increased drag on low Earth-orbit satellites and orientation problems may occur.**
- **Navigation - Intermittent satellite navigation (GPS) problems, including loss-of-lock and increased range error may occur.**
- **Radio - HF (high frequency) radio may be intermittent.**
- **Aurora - Aurora may be seen as low as Pennsylvania to Iowa to Oregon.**

*FEMA Region 6 Threat Matrix

Mar 17, 2015 - Mar 21, 2015

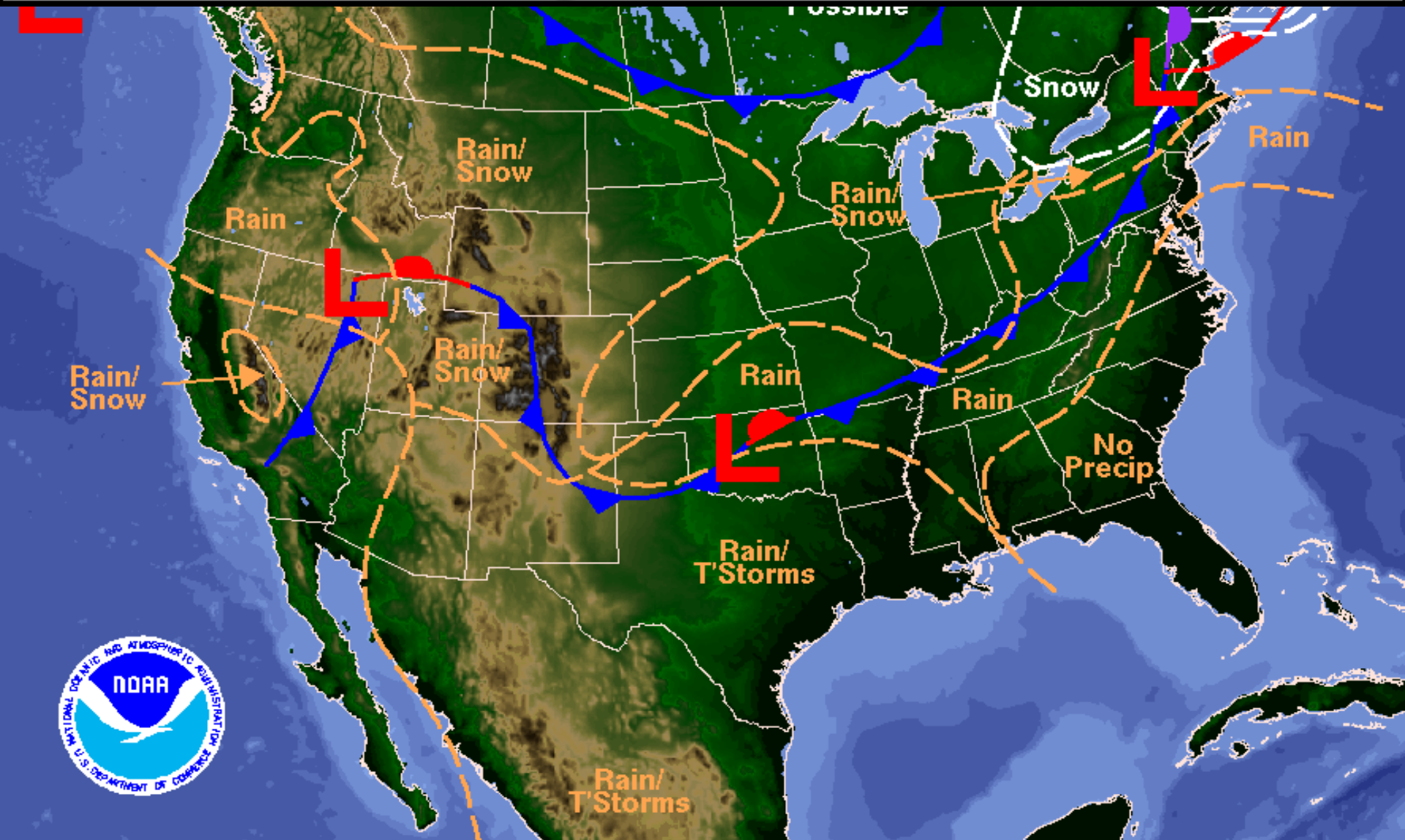
DAY/ THREAT	TUE	WED	THU	FRI	SAT
Severe Storms		E TX, LA			
Heavy Rain /Flooding	S TX late			S TX late	S TX late
Fire					
Cold					
Winter					

	High Threat
	Moderate Threat
	Slight Threat
	No Widespread Threat

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



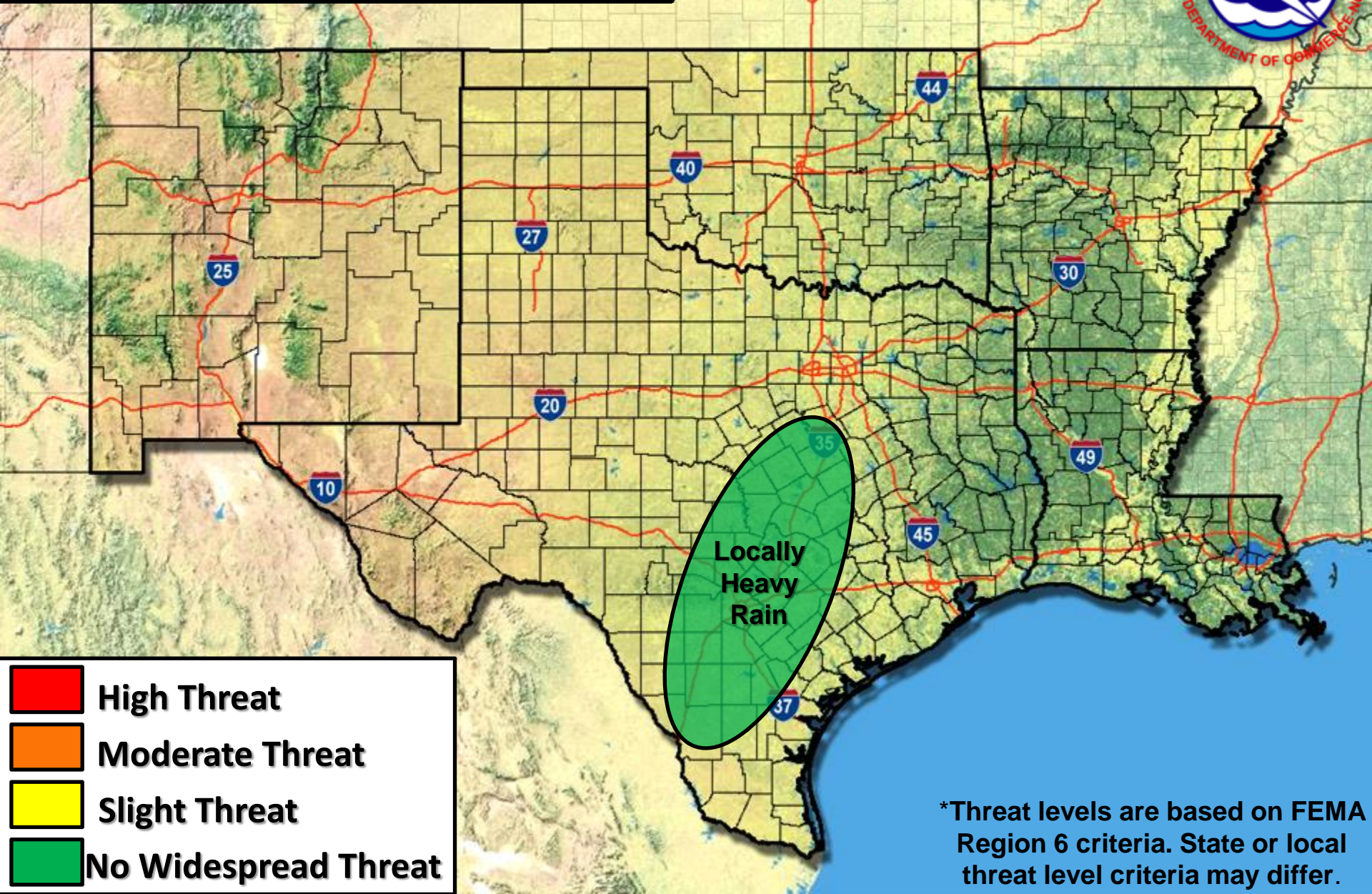
Today's Weather



Weather Forecast for Tue, Mar 17, 2015, issued 3:32 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

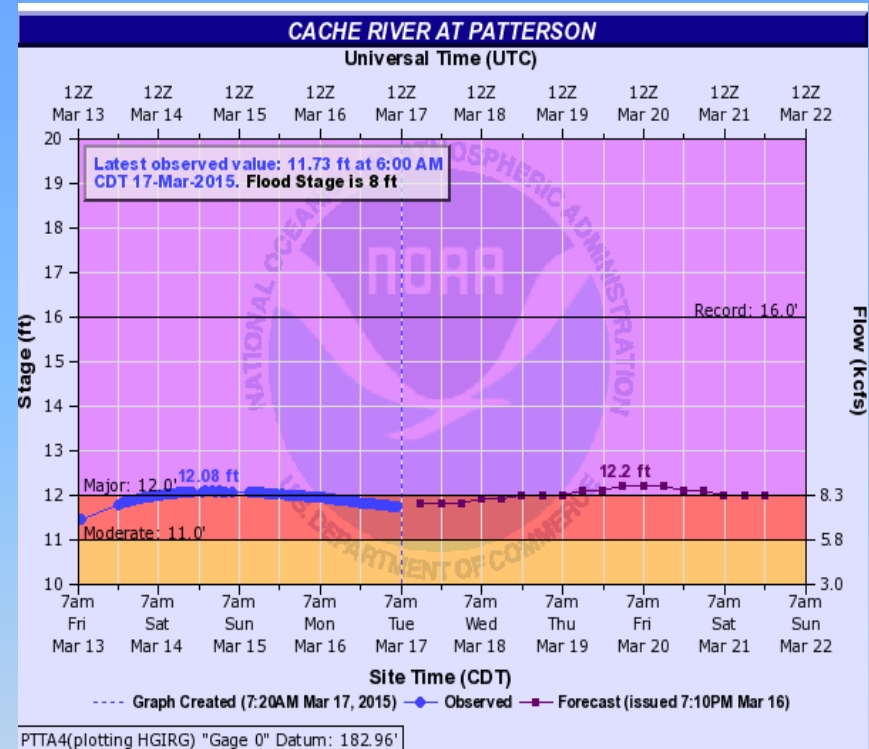
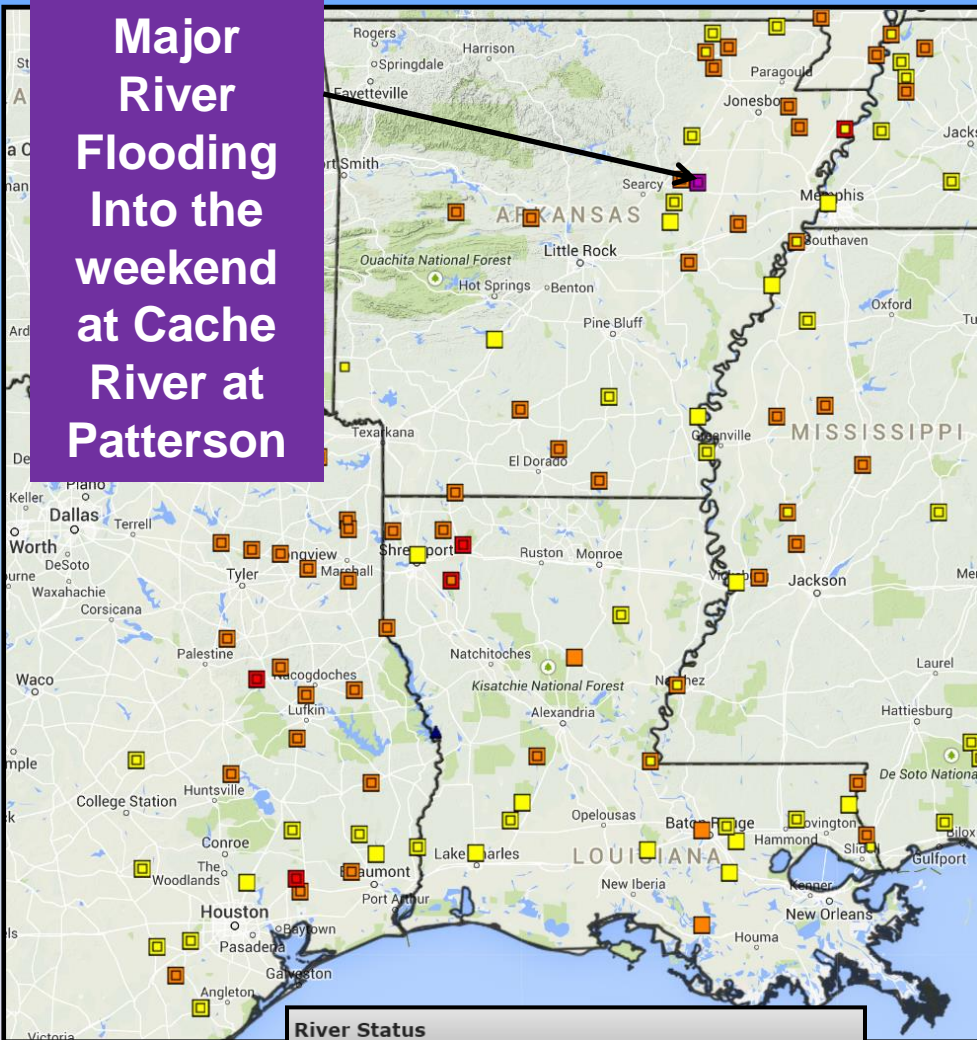
Valid: 0800 Tue - 0800 Wed



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River Flooding Status

Major River Flooding Into the weekend at Cache River at Patterson



Flood Stage

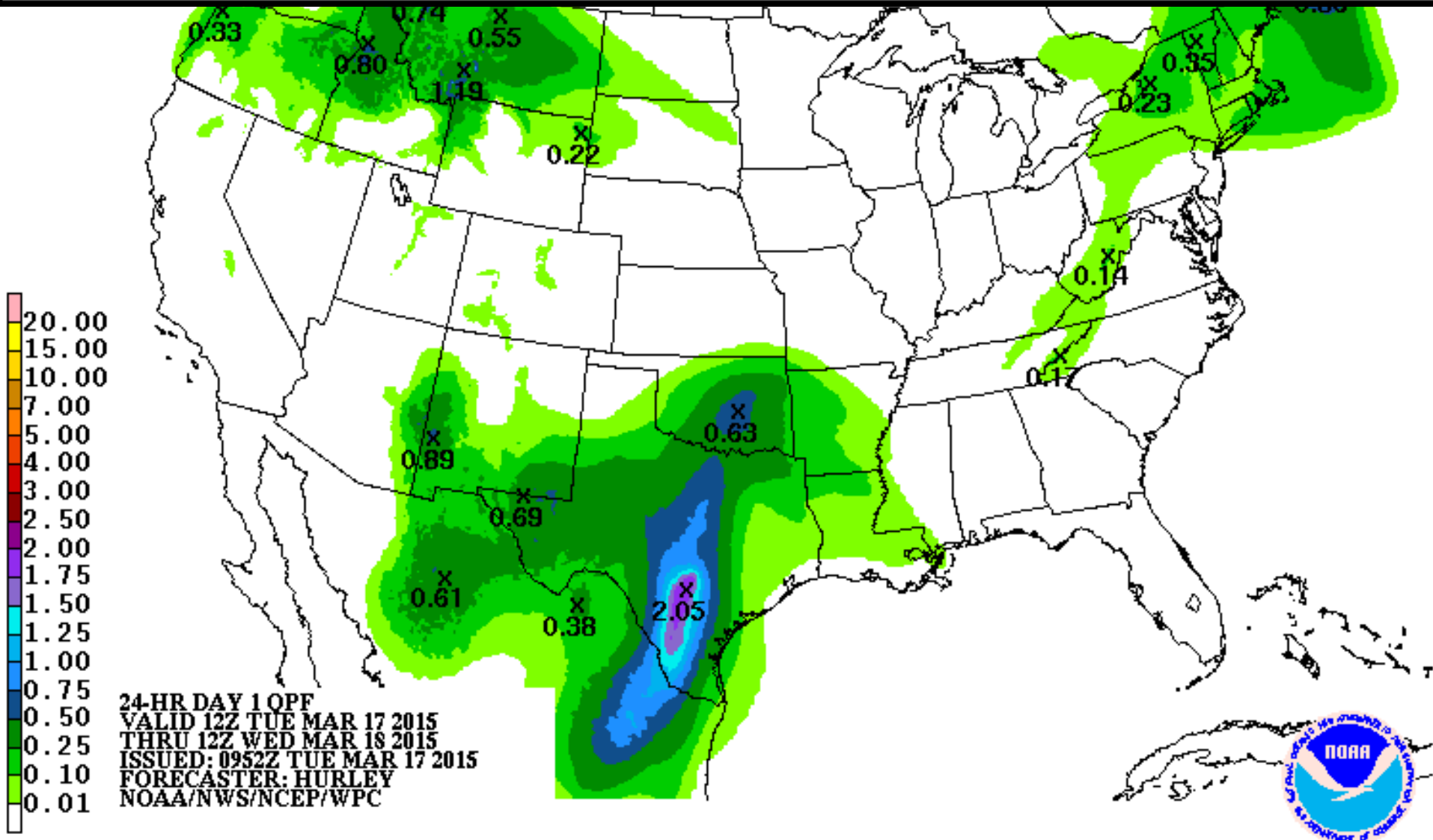
Impacts

12.5 Major problems in Grubbs, Patterson, Dixie, and Amagon in Jackson and Woodruff counties. Woodruff County Road 775 flooded. State Highways 18, 37, 33, and 38 affected in various locations in Woodruff and Jackson counties. Highest stage in over 60 years occurred in December 2001 with a crest of 12.7 feet. River reached 12.5 feet in January 1991. Many homes miles from the main river channel had to be protected by hastily built levees.

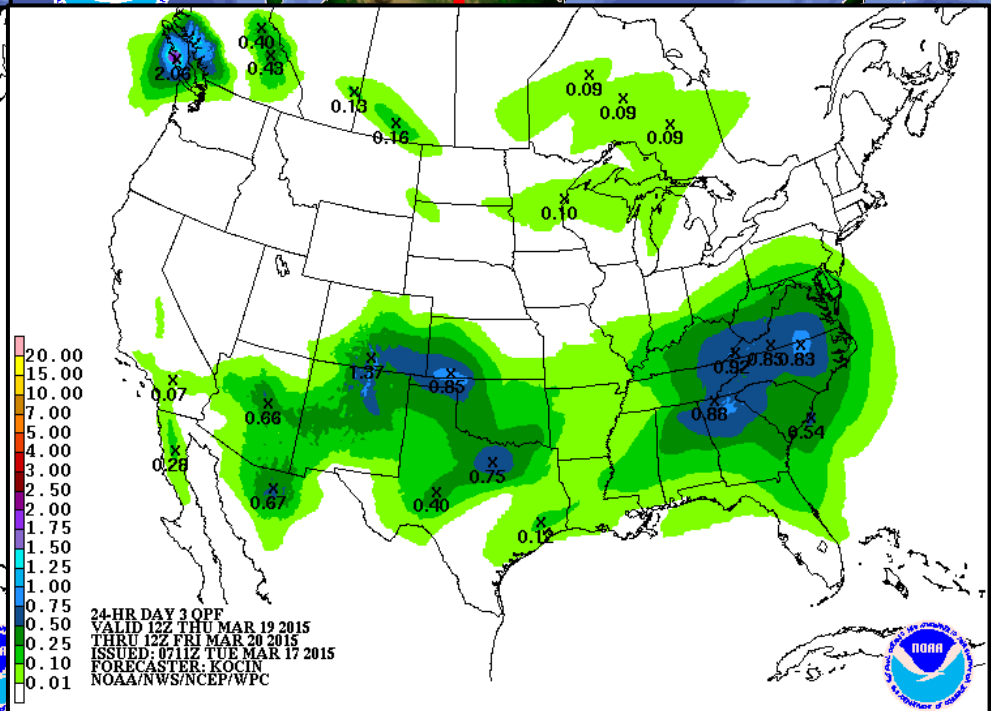
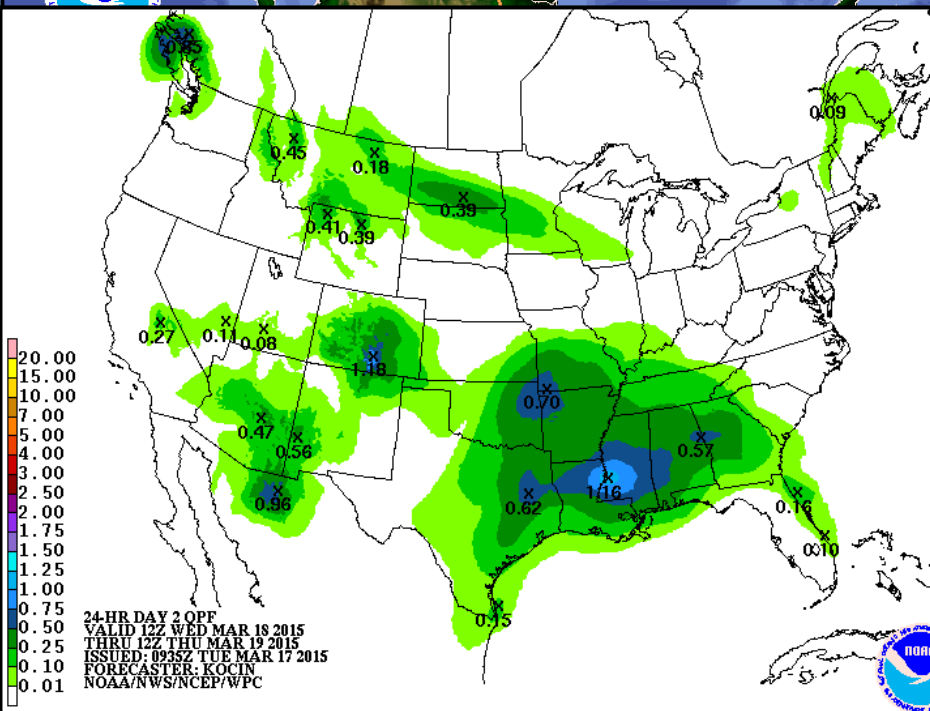
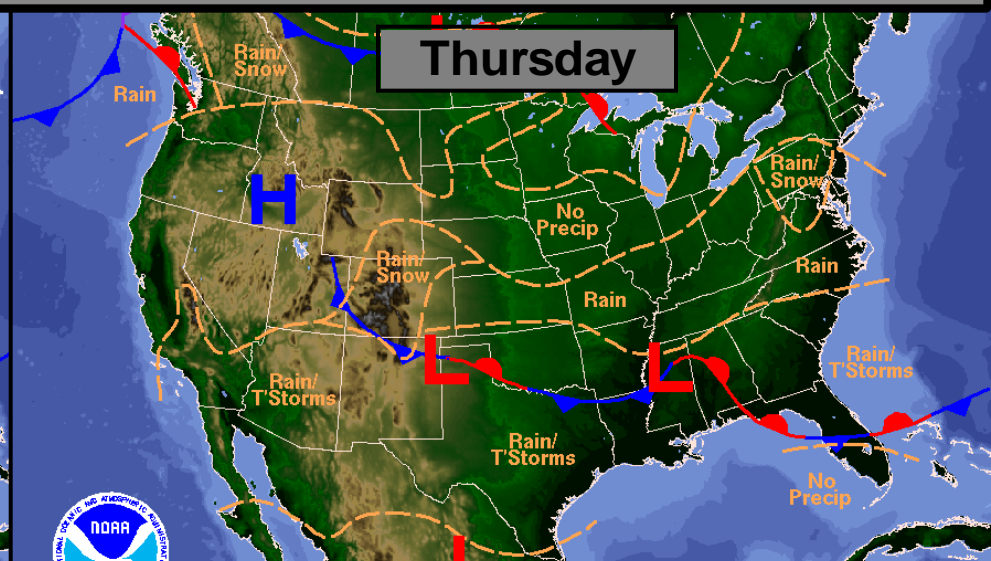
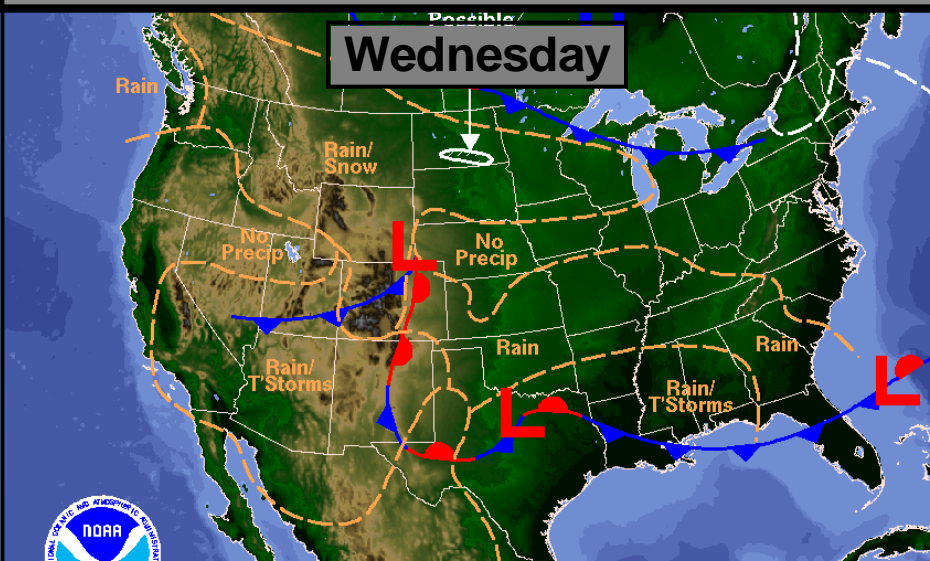
12 Water near foundations of homes on Pine Street in Patterson. Cabins and camps along State Highway 14, 18, and 33 flooded. State Highway 37 near Grubbs may be partially flooded. Water may be on State Highway 33 between Gregory and Little Dixie. Most unprotected farmlands flooded and some levees overtopped.

Today's Precipitation

Tue AM - Wed AM

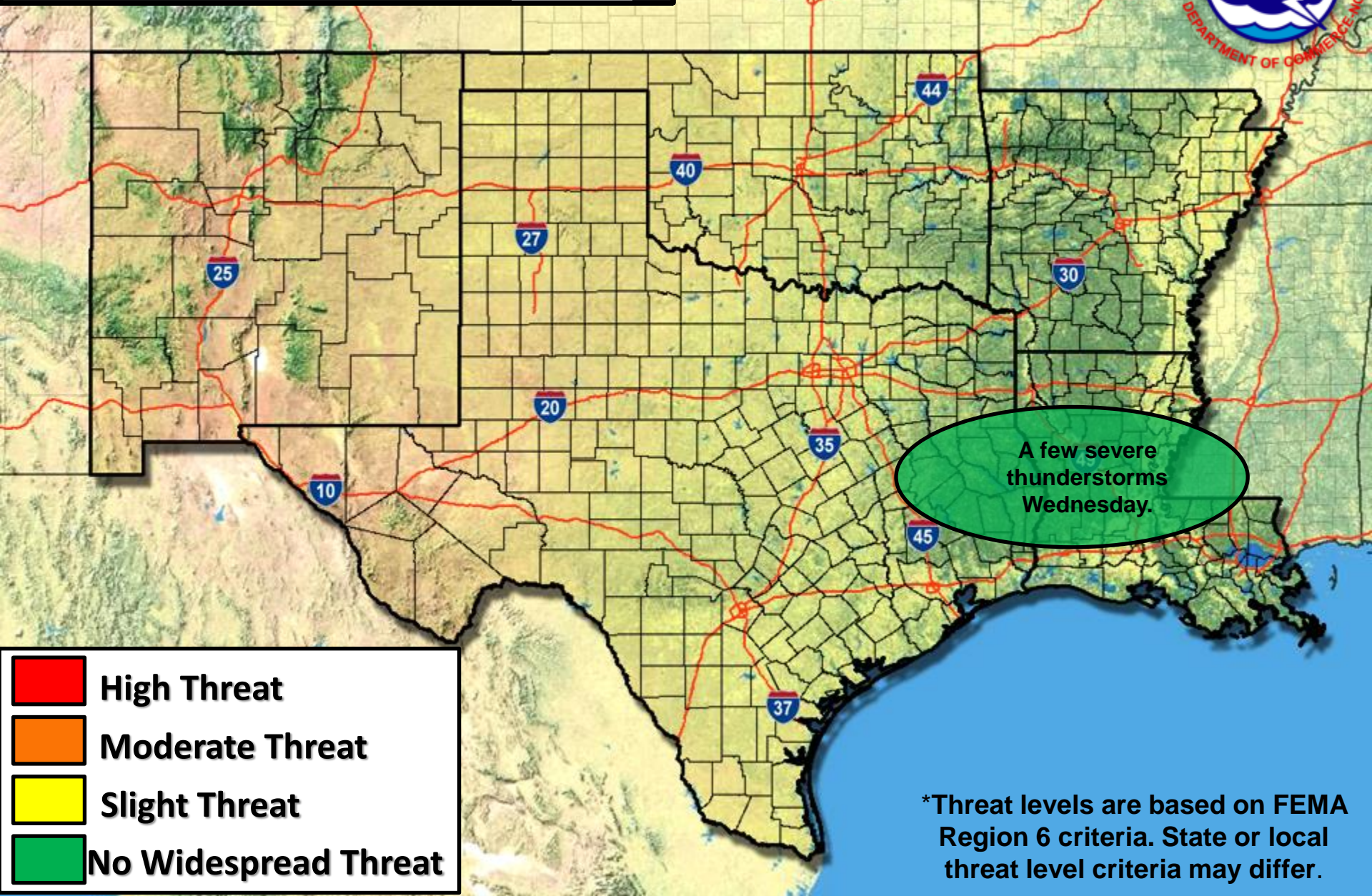


Day 2-3 Weather Maps/Precipitation



Day 2-3 Weather Hazards

Valid: 0800 Wed - 0800 Fri



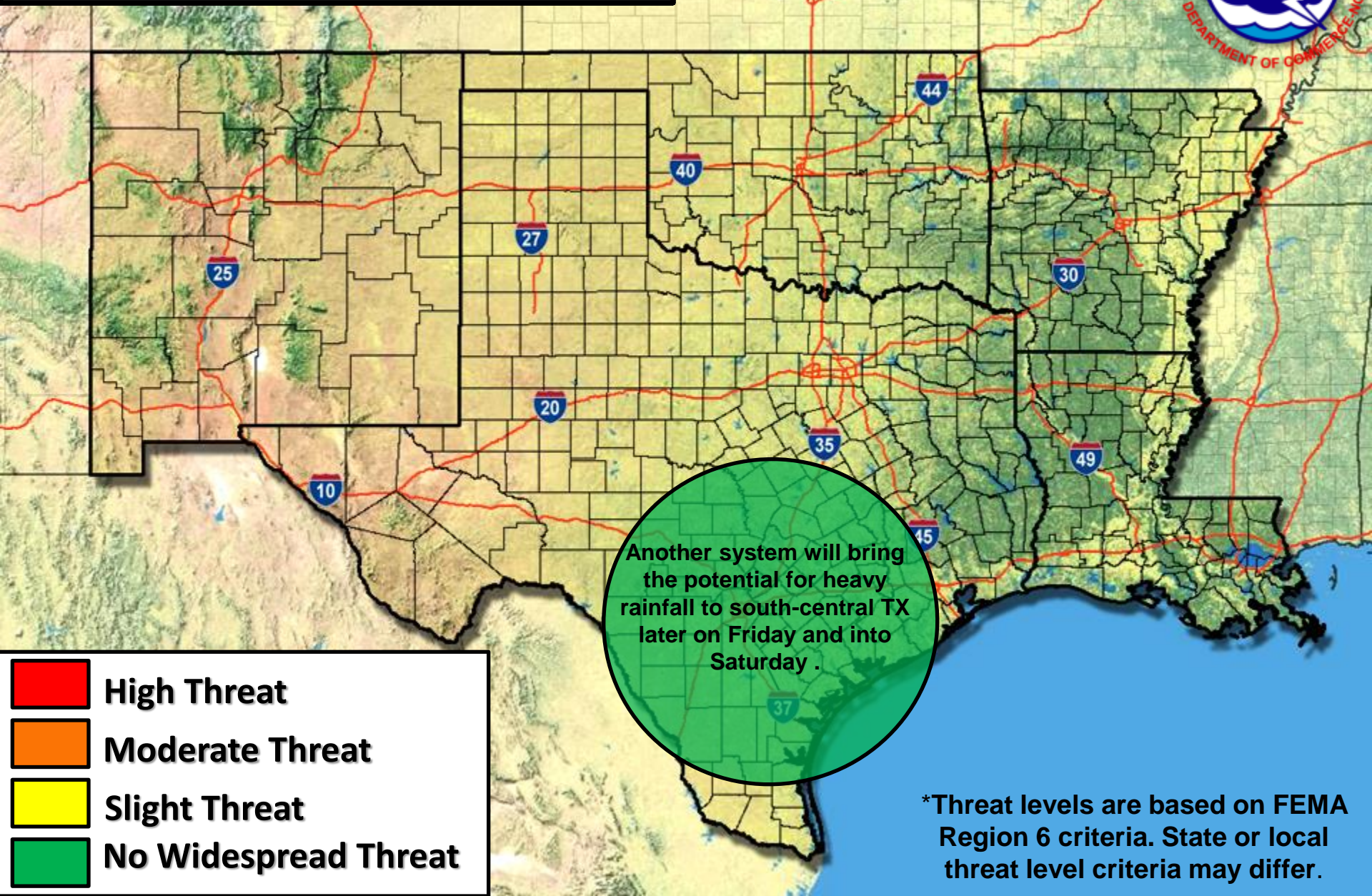
A few severe
thunderstorms
Wednesday.



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Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



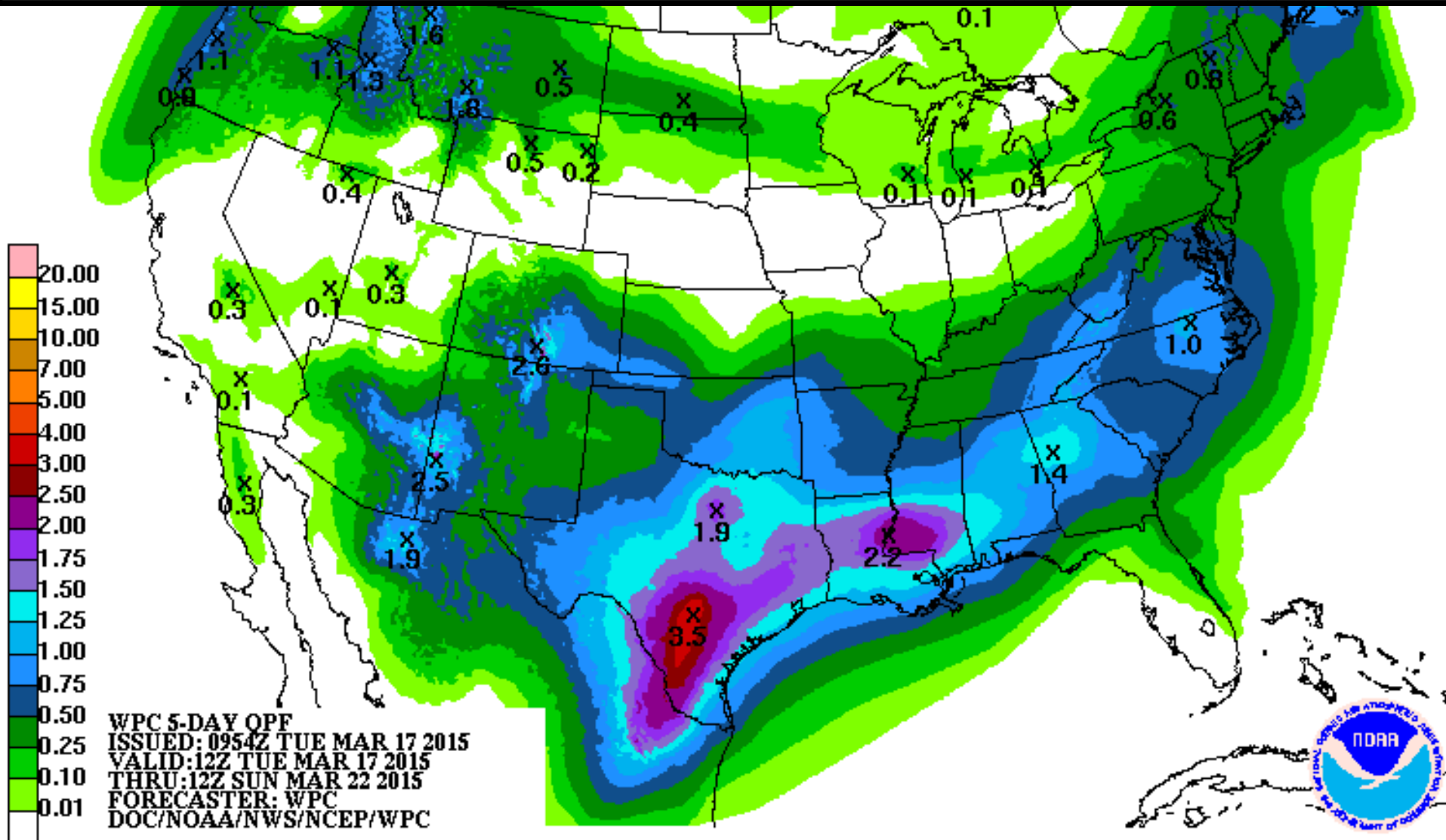
Another system will bring the potential for heavy rainfall to south-central TX later on Friday and into Saturday .

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5-Day Precipitation

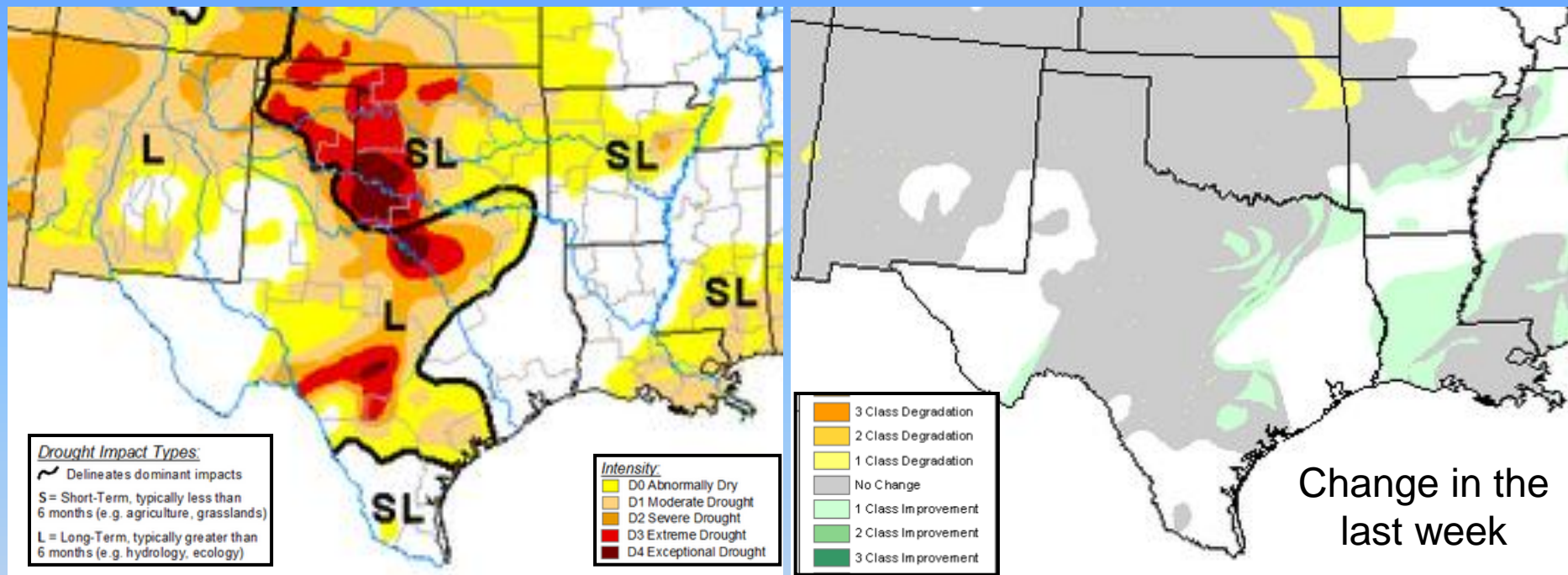
Tue AM - Sun AM





Drought Monitor Released March 12, 2015

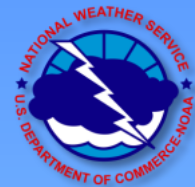
Drought data valid through 7am ET on Tuesday, March 10, 2015



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	28.29%	28.29%	21.67%	14.67%
Texas	12.76%	13.29%	10.05%	11.46%
New Mexico	0.00%	0.00%	3.70%	23.27%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

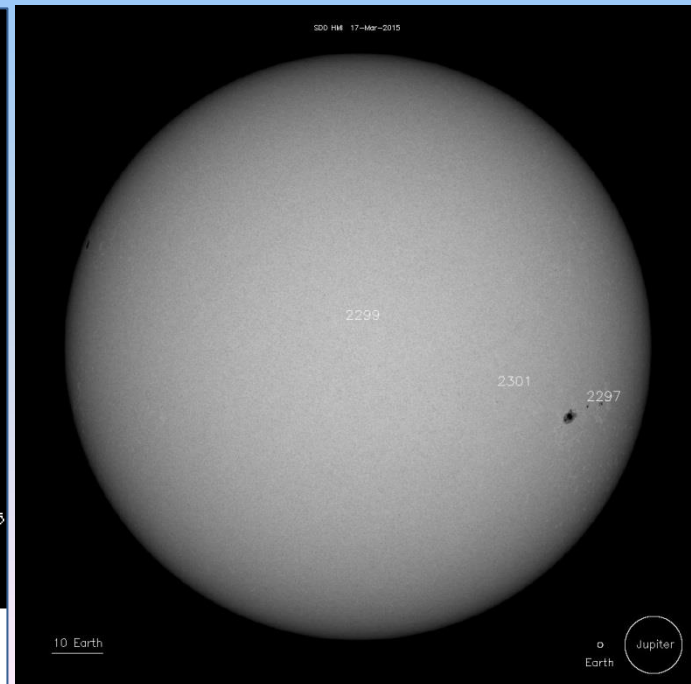
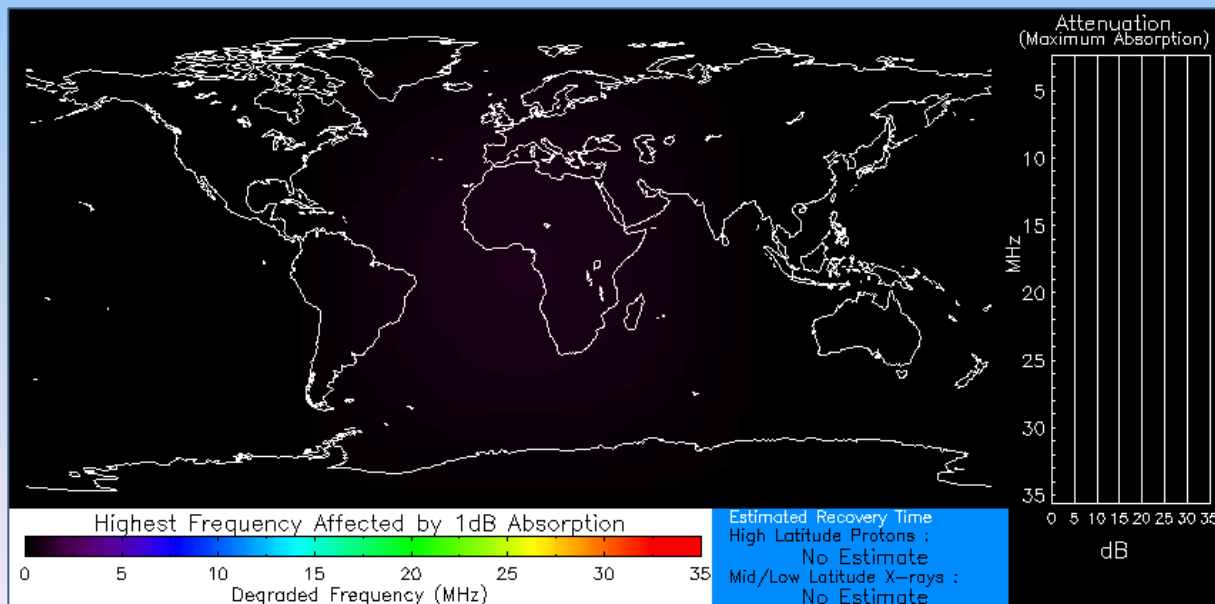
Space Weather 3-Day Forecast



	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Strong Storm (Max Kp = 7)	Minor Storm (G1) to Active (Max Kp = 5)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	60%	60%	60%
Radio Blackout (R1-R2)	60%	60%	60%
Radio Blackout (R3-R5)	10%	10%	10%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
 Product Valid At : 2015-03-17 11:34 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

Information provided by:



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Web: <http://www.srh.noaa.gov>

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